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2152 #4

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BY: Chris HallidayDATE: Nov 13, 2001**In the United States Patent and Trademark Office**

Applicants:	Patent Application of Christopher I. Halliday	: Group Art Unit: 2152
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Appln. No:	09/922,487	: Examiner: To be assigned
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Filed:	August 3, 2001	:
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		:
For:	Time Shifting Over a Global Communication Network	:

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Preliminary Amendment

Kindly amend the application as follows:

In the Specification:

Please replace the text at page 1, lines 3-5, with the following paragraph:

This application claims the benefit of U.S. Provisional Application No. 60/233,616, filed September 18, 2000, the content of which is hereby incorporated by reference.

In the Drawings:

Please replace the three pages of drawings with the attached three pages of drawings.

In the Claims:

Please cancel claims 1-20 without prejudice or disclaimer and add the following claims:

21. A method of obtaining data from a global communication network comprising the steps of:

A. Establishing a communication link between a general purpose computer and a central server computer through a global communication network;

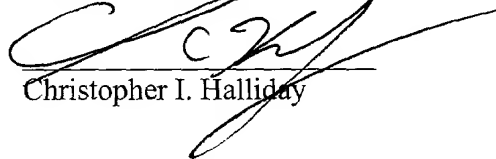
- B. Inputting a data type into said general purpose computer;
 - C. Transmitting said data type from said general purpose computer to said central server computer;
 - D. Receiving at said general purpose computer at least one internet protocol address transmitted from said central server based on said data type ;
 - E. Establishing a communication link between said general purpose computer and a computer represented by said internet protocol address;
 - F. Requesting said data type from said computer represented by said internet protocol address;
 - G. Receiving data represented by said data type from said computer represented by said internet protocol address.
- 22. The method of claim 21, further comprising determining when said data type is available from said computer represented by said internet protocol address.
 - 23. The method of claim 21, wherein said data type is audio data
 - 24. The method of claim 21, wherein said data type is video data.
 - 25. The method of claim 21, wherein said data type is audio data and video data.
 - 26. The method of claim 21 further comprising transmitting time data from said central server to said general purpose computer.
 - 27. The method of claim 26 wherein said time data indicates a time at which said data type will be available.
 - 28. The method of claim 21 further comprising saving said data type.
 - 29. The method of claim 28, further comprising saving said data type in a non-volatile magnetic media or laser recordable media.
 - 30. The method of claim 28, further comprising the step of encoding said data, wherein said encoded data is available only to the general purpose computer which received or recorded said data.
 - 31. The method of claim 21 further comprising the step of providing said data to a user from said general purpose computer through at least one of a monitor, television and speaker.
 - 32. The method of claim 21, wherein said data is available in portions over time and said general purpose computer receives said data in real time as it is available from said at least one internet protocol address.
 - 33. The method of claim 22, wherein said step of determining when said data type is available further comprises the step of polling said computer represented by said internet protocol address.
 - 34. A method of obtaining data comprising the steps of:
 - A. Establishing a database comprising internet protocol addresses and at least one of the following types of data:

- a. Work of Authorship
 - b. Author
 - c. Time of Webcast;
- B. Establishing a communication link with at least one computer represented by said internet protocol addresses;
- C. Updating said database with information provided by said computer represented by said internet protocol addresses;
- D. Receiving a request for data from a user of a general purpose computer;
- E. Polling said updated database for said requested data;
- F. Comparing said updated database with said request for data;
- H. Determining when said data is available from said at least one internet protocol address; and
- G. Receiving said data from said internet protocol address when said data matches said request and when said data is available from said internet protocol address.
35. The method of claim 33, wherein said received data comprises streaming audio.
36. The method of claim 33, wherein said type of data comprises streaming video.
37. The method of claim 33, wherein said type of data comprises a combination of streaming audio and streaming video.
38. The method of claim 33 further comprising the step of recording said data on a storage media.
39. A method of obtaining data from a global communication network comprising the steps of:
- A. Providing a general purpose computer, wherein said general purpose computer is adapted to establish a communication link with at least one other computer over a global communication network;
 - B. Generating a database of broadcast addresses on said general purpose computer, wherein said broadcast addresses represent at least one other computer, wherein said other computer is capable of providing data to said general purpose computer over said global communication network, and wherein said data is capable of being received by said general purpose computer;
 - C. Using a computer program enabling a user of said general purpose computer to select a type of data to receive;
 - D. Inputting said type of data into said general purpose computer;
 - E. Establishing a communication link between said general purpose computer and at least one broadcast address;
 - F. Polling said broadcast address for said data;

- G. Receiving information from said broadcast address;
 - H. Comparing said information from broadcast address with said selected type of data;
 - I. Determining when said type of data is available from said broadcast address; and
 - J. Receiving said type of data when said information matches said type of data.
40. The method of claim 39 wherein said other computer comprises a satellite and wherein said satellite broadcasts signals capable of being received by said general purpose computer.

November 13, 2001
(Date)

Respectfully Submitted,


Christopher I. Halliday

This application claims the benefit of U.S. Provisional Application No. ~~60/258,329~~233,616, filed September 18, 2000, the content of which is hereby incorporated by reference.